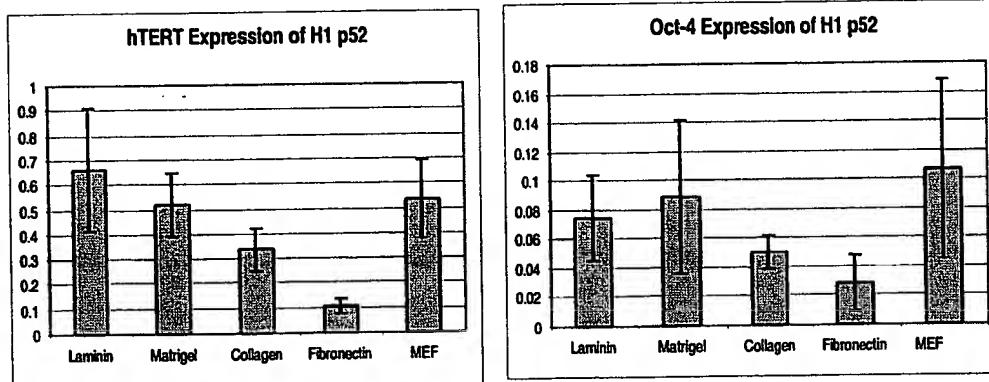
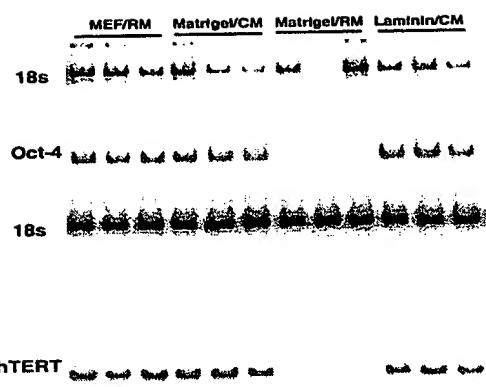
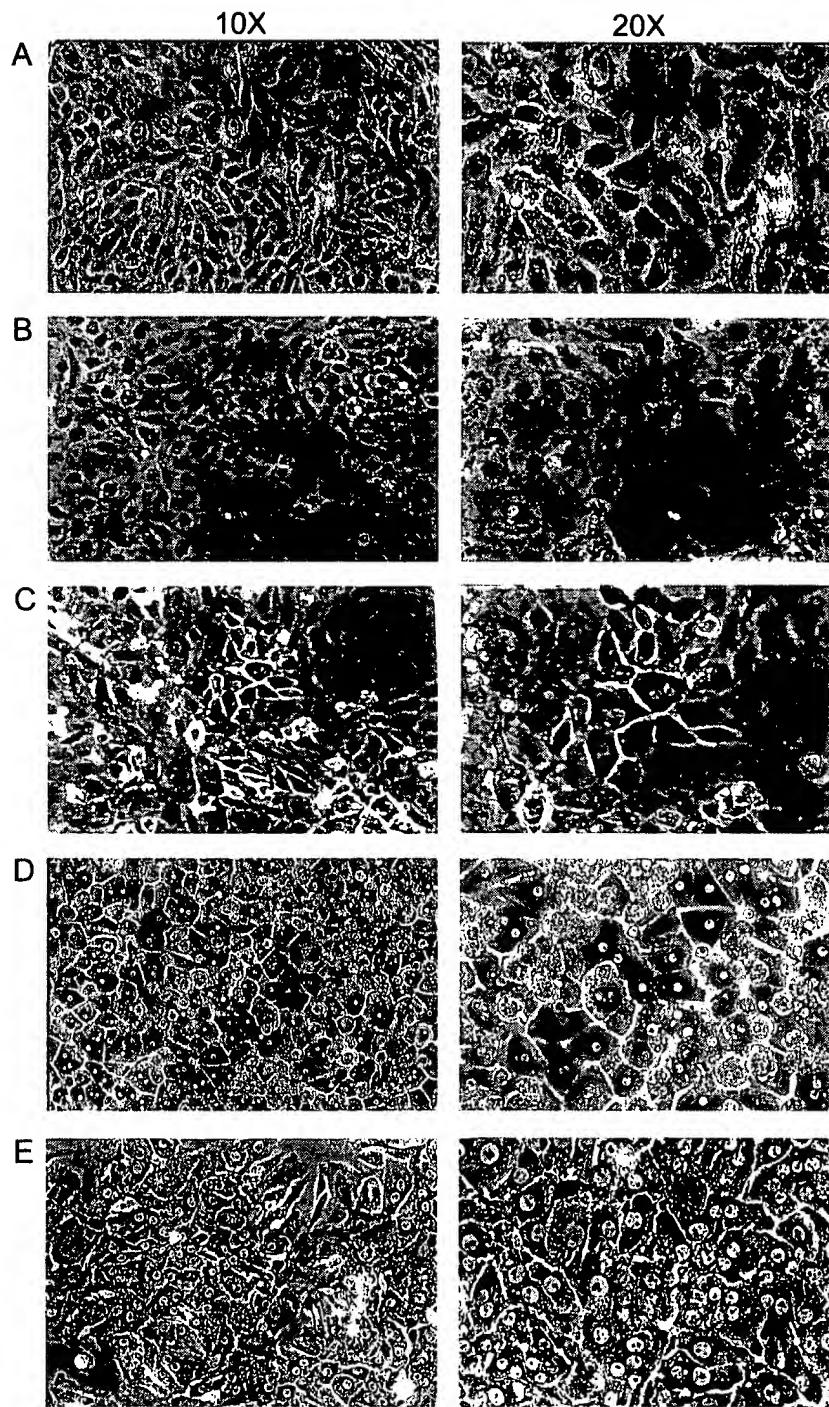


**Figure 1**



**Figure 2**



**Figure 3**

| Gene  | 2   | 4   | 8    | 4-/4+ | Gene   | 2    | 4     | 8     | 4-/4+ |
|---|-----|-----|------|-------|--|------|-------|-------|-------|
| Asparagine synthetase                                 | 1.3 | 2.8 | 2    | 1.5   | Cadherin 2, N-cadherin                           | -2   | -2.5  | -1.7  | 1.6   |
| ATL-derived PMA-responsive (APR) peptide              | 1.6 | 3.6 | 2.4  |       | CAGH3  | -2   | -2.5  | -1.2  | 1.2   |
| CD9 antigen   | 1.9 | 4.6 | 3.7  | 1.1   | Apolipoprotein B                                 | -2.5 | -3    | -1.6  | 1.9   |
| Protein Translation Factor SUI1 homolog               | 2.5 | 1.7 | 1.9  | 2.2   | Plasminogen activator, urokinase receptor        | -2.6 | -2.3  | -2    | -1.6  |
| Thrombospondin 1                                      | 3.7 | 2.9 | 3.1  | 2.8   | neuronal pentraxin 1 (NPTX1)                     | -2.9 | -2.5  | -2.2  | -1.5  |
| Connective tissue growth factor                       | 2.6 | 2.2 | 2.2  | 1.8   | EST (IMAGE: 357800)                              | -2.7 | -2.3  | -2.1  | -1.4  |
| Tropomyosin alpha chain                               | 2.5 | 2.4 | 2.1  | 2.4   | nuclear orphan receptor LXR-alpha                | -2.6 | -2.2  | -2.1  | -1.2  |
| Myeloid cell leukemia sequence 1                      | 2.4 | 2.2 | 2.4  | 2.8   | Apolipoprotein B                                 | -2.3 | -2    | -2.8  | -1.7  |
| E-MAP-115   | 2.1 | 2   | 2.7  | 2     | Cyclin D2  | 3.9  | 2.9   | 2.9   | -1.3  |
| TGF-beta inducible early protein (TIEG)               | 2.6 | 1.6 |      | 1.5   | nucleotide-binding protein                       | 3.1  | 2.2   | -2    | -1.5  |
| EST w.s.t. deoxyribose-phosphate aldolase             | 1.4 | 2.5 | 1.6  | 1.8   | 5'-AMP-activated protein kinase, gamma-1 subunit | 3.6  | 2.9   | 3.1   | -1.9  |
| EST (IMAGE: 70082)                                    | 1.5 | 2.5 | 1.7  | 1.9   | Fibronectin 1                                    | 4.2  | 3.4   | 3.3   | -1.8  |
| Collagen, type IV, alpha 2                            | 2.6 | 2   |      |       | Fibrinogen, A alpha polypeptide                  | -2.8 | -3.4  | -4.1  | -2.7  |
| EST (IMAGE: 113634)                                   | 2.2 | 2.2 | 2.9  | 1.9   | Fibrinogen beta chain                            | -2   | -2.1  | -2.9  | -2.7  |
| Ubiquitin-conjugating enzyme E2A (RAD6 homolog)       | 2   | 1.8 | 2.6  | 2.3   | EST (IMAGE: 487537)                              | -2.5 | -2.5  | -2.5  | -2.5  |
| I factor (complement)                                 | 1.6 | 1.4 | 2.6  | 1.3   | Homeo box B5 (21 protein)                        | -2   | -2.2  | -2.7  | -2.8  |
| E-MAP-115 mRNA  | 1.8 | 1.7 | 2.8  | 1.6   | EST (IMAGE: 358836)                              | -2   | -2.9  | -7.2  | -3.5  |
| EST (IMAGE: 293446)                                   | 1.6 | 1.5 | 2.6  | 1.7   | Plasma retinol-binding protein                   | -2.7 | -3.1  | -5.3  | -2.8  |
| EST (IMAGE: 134862)                                   | 1.6 | 1.4 | 2.9  | 1.8   | alpha-1-antitrypsin                              | -2.2 | -3.2  | -7.7  | -3.5  |
| EST h.s.t. phosphotyrosine independent ligand p62B    | 1.5 | 1.8 | 3.1  | 2.5   | Apolipoprotein A-II                              | -5.4 | -5.4  | -6.7  | -3.5  |
| EST m.s.t. ENV Polyprotein                            | 1.5 | 1.9 | 3.1  | 2.7   | Apolipoprotein A-II                              | -5.2 | -4.6  | -4.1  | -3.5  |
| Threonyl-tRNA synthetase                              | 1.7 | 1.6 | 3.4  | 2.8   | Alpha-fetoprotein                                | -7.5 | -15.8 | -22.1 | -22.9 |
| Human protocadherin 42                                | 1.9 | 1.7 | 2.6  | 3.1   | Alpha-fetoprotein                                | -8.6 | -22.1 | -28   | -25.9 |
| EST h.s.t. Phosphoserine Aminotransferase             | 2.1 | 1.9 | 2.3  | 2.5   | EST (IMAGE: 230528)                              | -1.7 | -3.1  | -15.1 | -12.5 |
| connexin 32   | 2   | 2   | 3.1  | 3.3   | cAMP-specific phosphodiesterase 8A (PDE8A)       | -1.2 | -1.5  | -6.2  | -5.9  |
| metallothionein from cadmium-treated cells            | 3.1 | 2.1 | 3.3  | 3.6   | APOLIPOPROTEIN AI REGULATORY PROTEIN-1           | -1.2 | -1.6  | -5.7  | -6.2  |
| Human metallothionein (MT)-I gene                     | 2.2 | 1.6 | 2.4  | 2.5   | EST (IMAGE: 346531)                              | 1.1  | -1.3  | -3.7  | -4.5  |
| EST (IMAGE: 241398)                                   | 1.2 | 2.5 | 1.8  | 2.2   | EST (IMAGE: 301416)                              | 1    | -1.3  | 3.2   | 4     |
| EST (IMAGE: 51718)                                    | 1.7 | 2.7 | 1.9  | 2.3   | gp130, oncostatin M receptor                     |      |       | 3.2   | 4.1   |
| KIAA0278 gene   | 1.5 | 3   | 2.5  | 2.7   | EST (IMAGE: 286521)                              | -1.3 | -1.9  | -3.2  | -2    |
| EST w.s.t. thymidine diphosphoglucose 4,6-dehydratase | 1.6 | 3   | 2.2  | 2.7   | KIAA0287 gene                                    | -1.3 | -1.8  | -3.7  | -3.7  |
| EST (IMAGE: 48196)                                    | 1.6 | 3.2 | 2.5  | 2.3   | In11   | -1.2 | -1.5  | -3.7  | -2.2  |
| EST (IMAGE: 247574)                                   | 1.4 | 3.7 | 2.5  | 2.7   | excitatory amino acid transporter 4 mRNA         | -1.4 | -1.5  | -2.3  | -2.9  |
| Fibroblast growth factor 9 (glia-activating factor)   | 1.5 | 3.6 | 2.6  | 2.6   | EST (IMAGE: 151339)                              | -1.2 | -1.3  | -2    | -2.5  |
| EST (IMAGE: 200696)                                   | 2.2 | 3.2 | 2.7  | 2.9   | guanine nucleotide exchange factor mss4          | 1.9  | -2.5  | -2.3  |       |
| EST (IMAGE: 235092)                                   | 1.6 | 3.1 | 3.2  | 2.7   | EST h.s.t. TIP120                                | 1.1  | -1.2  | -2.6  | -2.3  |
| EST (IMAGE: 356631)                                   | 2.6 | 3.2 | 3.1  | 2.6   | EST (IMAGE: 128990)                              | -1.3 | -1.5  | -2.2  | -2.7  |
| EST (IMAGE: 276915)                                   | 1.4 | 1.9 | 7.9  | 6     | EST (IMAGE: 347761)                              |      |       |       | -3.3  |
| EST (IMAGE: 41364)                                    | 1.2 | 2.2 | 6.1  | 5.1   | EST (IMAGE: 166622)                              | -1.7 | -1.9  | -1.8  | -2.6  |
| secreted frizzled related protein                     | 1.7 | 1.6 | 3.8  | 4.7   | EST (IMAGE: 180082)                              | -1.4 | -1.5  | -2.8  | -2.1  |
| EST (IMAGE: 361415)                                   | 1.2 | 2.8 | 4    | 6.3   | EST (IMAGE: 151231)                              | -1.6 | -1.5  | -2.6  | -2    |
| EST (IMAGE: 260067)                                   | 1.7 | 2.3 | 4.4  | 3.8   | DESMOPLAKIN I AND II                             | -1.7 | -1.6  | -2.8  | -2.2  |
| EST (IMAGE: 293567)                                   | 1.8 | 3.6 | 5    | 4.2   | EST (IMAGE: 487428)                              | -1.2 | -1.3  | -2.5  | -2    |
| uridine diphosphoglucose pyrophosphorylase            | 2   | 2.6 | 6.5  | 7.1   | EST (IMAGE: 48537)                               | -1.3 | -1.5  | -2.5  | -2.2  |
| EST w.s.t. Homeoboxprotein OTX2                       | 2   | 2.5 | 5.3  | 5.7   | EST h.s.t. Citrate synthase                      | -1.6 | -1.8  | -2.8  | -2.4  |
| Vinculin  | 2.2 | 2.6 | 4.1  | 5     | EST (IMAGE: 46928)                               | -1.6 | -1.6  | -2.5  | -2.4  |
| Human metallothionein-1e gene (hMT-1e)                | 2.8 | 2.2 | 3.4  | 4.3   | EST (IMAGE: 429017)                              | -1.3 | -1.6  | -2.6  | -2.1  |
| Cy61  | 2.9 | 3.1 | 4.5  | 4.9   | KIAA0059 gene                                    | -1.1 | -1.2  | -2.7  | -2.3  |
| EST (IMAGE: 380214)                                   | 1.9 | 3.5 | 11.5 | 9.5   | EST (IMAGE: 381780)                              | -1.2 | -1.2  | -2.7  | -2.4  |
| Procollagen-proline, 2-oxoglutarate 4-dioxygenase     | 1.8 | 4.1 | 20.8 | 16.7  | EST (IMAGE: 242643)                              | -1.2 | -1.4  | -2.7  | -2.5  |
| Phosphoglucomutase 1                                  | 1.4 | 3   | 9.7  | 12.4  | Erythroid alpha-spectrin                         | -1.1 | -1.4  | -2.8  | -2.4  |
| EST (IMAGE: 380190)                                   | 1.2 | 3.1 | 12.6 | 17.4  | EST h.s.t. AQUAPORIN 3                           | -1.2 | -1.3  | -2.6  | -2.6  |
| EST (IMAGE: 380301)                                   | 1.5 | 4.1 | 3.1  | 3.4   | MAP kinase                                       | -1.5 | -1.7  | 3     | -2.5  |

## Figur 4

## Treatment B



## Treatment D



## Treatment F

